OIPE

RAW SEQUENCE LISTING   DATE: 05/21/2002
PATENT APPLICATION: US/10/068,965   TIME: 13:52:54

Input Set : A:\Dclerc2p.app
Output Set: N:\CRF3\05212002\J068965.raw

    3 <110> APPLICANT: BALLIGNAD, JEAN-LUC
    4   FERON, OLIVIER
    6 <120> TITLE OF INVENTION: NOVEL PHARMACEUTICAL COMPOSITIONS FOR MODULATING
    7   ANGIOGENESIS
    9 <130> FILE REFERENCE: DCLERC-2 P1
   11 <140> CURRENT APPLICATION NUMBER: 10/068,965
C--> 12 <141> CURRENT FILING DATE: 2002-05-13
   14 <150> PRIOR APPLICATION NUMBER: PCT/EP00/07731
   15 <151> PRIOR FILING DATE: 2000-08-09
   17 <150> PRIOR APPLICATION NUMBER: 99870171
   18 <151> PRIOR FILING DATE: 1999-08-09
   20 <160> NUMBER OF SEQ ID NOS: 86
   22 <170> SOFTWARE: PatentIn Ver. 2.1
   24 <210> SEQ ID NO: 1
   25 <211> LENGTH: 537
   26 <212> TYPE: DNA
   27 <213> ORGANISM: Homo sapiens
   29 <400> SEQUENCE: 1
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   31 caggacaaca tctacaagcc caacaacaag gccatggcag acgagctgag cgagaagcaa 120
   32 gtgtacgacg cgcacaccaa ggagatcgac ctggtcaacc gcgaccctaa acacctcaac 180
   33 gatgacgtgg tcaagattga ctttgaagat gtgattgcag aaccagaagg gacacacagt 240
   34 tttcacggca tttggaaggc cagcttcacc accttcactg tgacgaaata ctggtttttac 300
   35 cgcttgctgt ctgccctctt tggcatcccg atggcactca tctgtgggcat ttacttcgcc 360
   36 attctctctt tcctgcacat ctgggcagtt gtaccatgca ttaagagctt cctgattgag 420
   37 attcagtgca ccagccgtgt ctattccatc tacgtccaca ccgtctgtga cccactcttt 480
   38 gaagctgttg ggaaaatatt caggaatgtc cagcatcaact tgcaggaaga aatataa 537
   41 <210> SEQ ID NO: 2
   42 <211> LENGTH: 20
   43 <212> TYPE: PRT
   44 <213> ORGANISM: Homo sapiens
   46 <400> SEQUENCE: 2
   47 His Gly Ile Trp Lys Ala Ser Phe Thr Thr Phe Thr Val Thr Lys Tyr
   48   1   5   10   15
   50 Trp Phe Tyr Arg
   51   20
   54 <210> SEQ ID NO: 3

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63 Tyr Val His Thr Val Cys
64            20
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68 <211> LENGTH: 10
69 <212> TYPE: PRT
70 <213> ORGANISM: Artificial Sequence
72 <220> FEATURE:
73 <223> OTHER INFORMATION: Description of Artificial Sequence: Caveolin
74       binding motif
76 <400> SEQUENCE: 4
77 Phe Pro Ala Ala Pro Phe Ser Gly Trp Tyr
78  1               5                   10
81 <210> SEQ ID NO: 5
82 <211> LENGTH: 40
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Description of Artificial Sequence: Partial
88       antisense sequence of human caveolin-1
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97 <213> ORGANISM: Artificial Sequence
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101       binding motif
103 <220> FEATURE:
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105 <222> LOCATION: (2)
106 <223> OTHER INFORMATION: Variable amino acid
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111 <223> OTHER INFORMATION: Variable amino acid
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115 <222> LOCATION: (9)
116 <223> OTHER INFORMATION: Variable amino acid
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120  1               5                   10
123 <210> SEQ ID NO: 7
124 <211> LENGTH: 10
125 <212> TYPE: PRT
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132 <220> FEATURE:
133 <221> NAME/KEY: MOD_RES
134 <222> LOCATION: (2)
135 <223> OTHER INFORMATION: Variable amino acid
137 <220> FEATURE:
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139 <222> LOCATION: (4)..(7)
140 <223> OTHER INFORMATION: Variable amino acid
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143 <221> NAME/KEY: MOD_RES
144 <222> LOCATION: (9)
145 <223> OTHER INFORMATION: Variable amino acid
147 <400> SEQUENCE: 7
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149   1           5                  10
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153 <211> LENGTH: 10
154 <212> TYPE: PRT
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Description of Artificial Sequence: Caveolin
159       binding motif
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163 <222> LOCATION: (2)
164 <223> OTHER INFORMATION: Variable amino acid
166 <220> FEATURE:
167 <221> NAME/KEY: MOD_RES
168 <222> LOCATION: (4)..(7)
169 <223> OTHER INFORMATION: Variable amino acid
171 <220> FEATURE:
172 <221> NAME/KEY: MOD_RES
173 <222> LOCATION: (9)
174 <223> OTHER INFORMATION: Variable amino acid
176 <400> SEQUENCE: 8
177 Phe Xaa Phe Xaa Xaa Xaa Xaa Tyr Xaa Tyr
178   1           5                  10
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182 <211> LENGTH: 10
183 <212> TYPE: PRT
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Description of Artificial Sequence: Caveolin
168       binding motif
190 <220> FEATURE:
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Input Set : A:\Dclerc2p.app
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196 <221> NAME/KEY: MOD_RES
197 <222> LOCATION: (4)..(7)
198 <223> OTHER INFORMATION: Variable amino acid
200 <220> FEATURE:
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202 <222> LOCATION: (9)
203 <223> OTHER INFORMATION: Variable amino acid
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207   1               5                   10
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211 <211> LENGTH: 10
212 <212> TYPE: PRT
213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: Description of Artificial Sequence: Caveolin
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220 <221> NAME/KEY: MOD_RES
221 <222> LOCATION: (2)
222 <223> OTHER INFORMATION: Variable amino acid
224 <220> FEATURE:
225 <221> NAME/KEY: MOD_RES
226 <222> LOCATION: (4)..(7)
227 <223> OTHER INFORMATION: Variable amino acid
229 <220> FEATURE:
230 <221> NAME/KEY: MOD_RES
231 <222> LOCATION: (9)
232 <223> OTHER INFORMATION: Variable amino acid
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235 Phe Xaa Trp Xaa Xaa Xaa Xaa Tyr Xaa Tyr
236   1               5                   10
239 <210> SEQ ID NO: 11
240 <211> LENGTH: 10
241 <212> TYPE: PRT
242 <213> ORGANISM: Artificial Sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Description of Artificial Sequence: Caveolin
246        binding motif
248 <220> FEATURE:
249 <221> NAME/KEY: MOD_RES
250 <222> LOCATION: (2)
251 <223> OTHER INFORMATION: Variable amino acid
253 <220> FEATURE:
254 <221> NAME/KEY: MOD_RES
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Input Set : **A:\Dclerc2p.app**
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 260  <222> LOCATION: (9)
 261  <223> OTHER INFORMATION: Variable amino acid
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 264 Phe Xaa Phe Xaa Xaa Xaa Xaa Trp Xaa Tyr
 265     1               5                  10
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 270  <212> TYPE: PRT
 271  <213> ORGANISM: Artificial Sequence
 273  <220> FEATURE:
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 275        binding motif
 277  <220> FEATURE:
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 279  <222> LOCATION: (2)
 280  <223> OTHER INFORMATION: Variable amino acid
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 283  <221> NAME/KEY: MOD_RES
 284  <222> LOCATION: (4)..(7)
 285  <223> OTHER INFORMATION: Variable amino acid
 287  <220> FEATURE:
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 289  <222> LOCATION: (9)
 290  <223> OTHER INFORMATION: Variable amino acid
 292  <400> SEQUENCE: 12
 293 Phe Xaa Tyr Xaa Xaa Xaa Xaa Trp Xaa Tyr
 294     1               5                  10
 297  <210> SEQ ID NO: 13
 298  <211> LENGTH: 10
 299  <212> TYPE: PRT
 300  <213> ORGANISM: Artificial Sequence
 302  <220> FEATURE:
 303  <223> OTHER INFORMATION: Description of Artificial Sequence: Caveolin
 304        binding motif
 306  <220> FEATURE:
 307  <221> NAME/KEY: MOD_RES
 308  <222> LOCATION: (2)
 309  <223> OTHER INFORMATION: Variable amino acid
 311  <220> FEATURE:
 312  <221> NAME/KEY: MOD_RES
 313  <222> LOCATION: (4)..(7)
 314  <223> OTHER INFORMATION: Variable amino acid
 316  <220> FEATURE:
 317  <221> NAME/KEY: MOD_RES
 318  <222> LOCATION: (9)
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 05/21/2002
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Input Set : A:\Dclerc2p.app
Output Set: N:\CRF3\05212002\J068965.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:6. Xaa Pos. 2,4,5,6,7,9
Seq#:7. Xaa Pos. 2,4,5,6,7,9
Seq#:8: Xaa Pos. 2,4,5,6,7,9
Seq#:9. Xaa Pos. 2,4,5,6,7,9
Seq#:10: Xaa Pos. 2,4,5,6,7,9
Seq#:11: Xaa Pos. 2,4,5,6,7,9
Seq#:12: Xaa Pos. 2,4,5,6,7,9
Seq#:13: Xaa Pos. 2,4,5,6,7,9
Seq#:14: Xaa Pos. 2,4,5,6,7,9
Seq#:15: Xaa Pos. 2,4,5,6,7,9
Seq#:16: Xaa Pos. 2,4,5,6,7,9
Seq#:17. Xaa Pos. 2,4,5,6,7,9
Seq#:18. Xaa Pos. 2,4,5,6,7,9
Seq#:19. Xaa Pos. 2,4,5,6,7,9
Seq#:20: Xaa Pos 2,4,5,6,7,9
Seq#:21: Xaa Pos. 2,4,5,6,7,9
Seq#:22: Xaa Pos. 2,4,5,6,7,9
Seq#:23. Xaa Pos. 2,4,5,6,7,9
Seq#:24: Xaa Pos 2,4,5,6,7,9
Seq#:25, Xaa Pos 2,4,5,6,7,9
Seq#:26: Xaa Pos 2,4,5,6,7,9
Seq#:27, Xaa Pos. 2,4,5,6,7,9
Seq#:28, Xaa Pos. 2,4,5,6,7,9
Seq# 29, Xaa Pos. 2,4,5,6,7,9
Seq#:30; Xaa Pos 2,4,5,6,7,9
Seq#:31: Xaa Pos 2,4,5,6,7,9
Seq#:32; Xaa Pos. 2,4,5,6,7,9
Seq#.33; Xaa Pos. 2,4,5,6,7,9
Seq# 34, Xaa Pos 2,4,5,6,7,9
Seq# 35: Xaa Pos 2,4,5,6,7,9
Seq# 36. Xaa Pos 2,4,5,6,7,9
Seq# 37. Xaa Pos 2,4,5,6,7,9
Seq# 38: Xaa Pos 2,4,5,6,7,9
Seq# 39: Xaa Pos 2,4,5,6,7,9
Seq#:40; Xaa Pos. 2,4,5,6,7,9
Seq#.41; Xaa Pos. 2,4,5,6,7,9
Seq# 42; Xaa Pos. 2,4,5,6,7,9
Seq#.43; Xaa Pos. 2,4,5,6,7,9
Seq#:44: Xaa Pos. 2,4,5,6,7,9
Seq#:45; Xaa Pos. 2,4,5,6,7,9
Seq#:46; Xaa Pos 2,4,5,6,7,9

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Input Set : A:\Dclerc2p.app
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Seq# 50; Xaa Pos  2,4,5,6,7,9
Seq#:51; Xaa Pos  2,4,5,6,7,9
Seq#:52; Xaa Pos  2,4,5,6,7,9
Seq#:53; Xaa Pos  2,4,5,6,7,9
Seq#:54; Xaa Pos  2,4,5,6,7,9
Seq#:55; Xaa Pos  2,4,5,6,7,9
Seq#:56; Xaa Pos  2,4,5,6,7,9
Seq#:57; Xaa Pos  2,4,5,6,7,9
Seq#:58; Xaa Pos  2,4,5,6,7,9
Seq#:59; Xaa Pos  2,4,5,6,7,9
Seq#:60; Xaa Pos  2,4,5,6,7,9
Seq#:61; Xaa Pos  2,4,5,6,7,9
Seq#:62; Xaa Pos  2,4,5,6,7,9
Seq#:63; Xaa Pos  2,4,5,6,7,9
Seq#:64; Xaa Pos  2,4,5,6,7,9
Seq#:65; Xaa Pos  2,4,5,6,7,9
Seq#:66; Xaa Pos  2,4,5,6,7,9
Seq#:67; Xaa Pos  2,4,5,6,7,9
Seq#:68; Xaa Pos  2,4,5,6,7,9
Seq#:69; Xaa Pos  2,4,5,6,7,9
Seq#:70; Xaa Pos  2,4,5,6,7,9
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Seq#:73; Xaa Pos  2,4,5,6,7,9
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Seq#:77; Xaa Pos  2,4,5,6,7,9
Seq#:78; Xaa Pos  2,4,5,6,7,9
Seq#:79; Xaa Pos  2,4,5,6,7,9
Seq#:80; Xaa Pos  2,4,5,6,7,9
Seq#:81; Xaa Pos  2,4,5,6,7,9
Seq#:82; Xaa Pos  2,4,5,6,7,9
Seq#:83; Xaa Pos  2,4,5,6,7,9
Seq#:84; Xaa Pos  2,4,5,6,7,9
Seq#:85; Xaa Pos  2,4,5,6,7,9
Seq#:86; Xaa Pos  2,4,5,6,7,9
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